

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059346.D
 Acq On : 21 Nov 2019 19:08
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:06:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	410036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	630624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	229313	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.57	113	182689	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.08	98	764287	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	248787	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

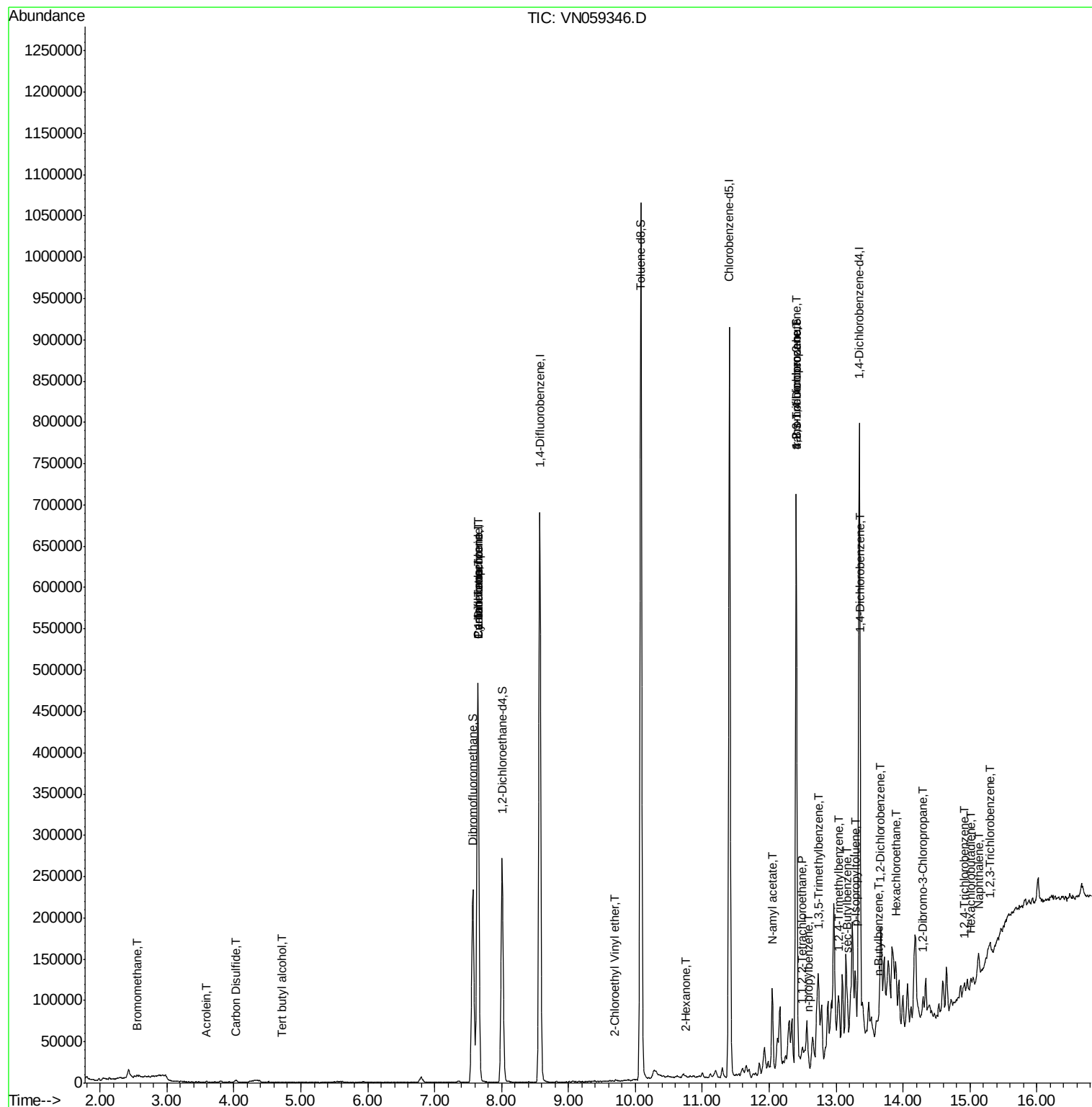
					Qvalue	
5) Bromomethane	2.55	94	966	0.263	ug/l	95
11) Tert butyl alcohol	4.71	59	365	0.371	ug/l #	73
13) Acrolein	3.58	56	440	0.489	ug/l #	14
17) Carbon Disulfide	4.02	76	4603	0.471	ug/l	97
31) Cyclohexane	7.64	56	7603	0.878	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	29831	4.582	ug/l #	50
38) Carbon Tetrachloride	7.64	117	37566	6.028	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.69	63	63	22.804	ug/l #	49
59) 2-Hexanone	10.75	43	1600	0.349	ug/l	91
74) N-amyl acetate	12.05	43	20406	2.973	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.48	83	2130	0.377	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	120947	25.110	ug/l #	100
78) n-propylbenzene	12.60	91	5783	0.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4678	0.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	120947	62.803	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	17002	1.209	ug/l	97
85) sec-Butylbenzene	13.17	105	4298	0.264	ug/l	83
86) p-Isopropyltoluene	13.29	119	3526	0.243	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	2048	0.281	ug/l #	1
89) n-Butylbenzene	13.62	91	6396	0.503	ug/l #	80
90) Hexachloroethane	13.89	117	1260	0.459	ug/l #	9
91) 1,2-Dichlorobenzene	13.66	146	1636	0.229	ug/l #	66
92) 1,2-Dibromo-3-Chloropropan	14.29	75	527	0.439	ug/l #	35
93) 1,2,4-Trichlorobenzene	14.91	180	3664	3.715	ug/l #	49
94) Hexachlorobutadiene	15.01	225	1559	0.606	ug/l	89
95) Naphthalene	15.13	128	20151	4.704	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	5610	3.140	ug/l #	76

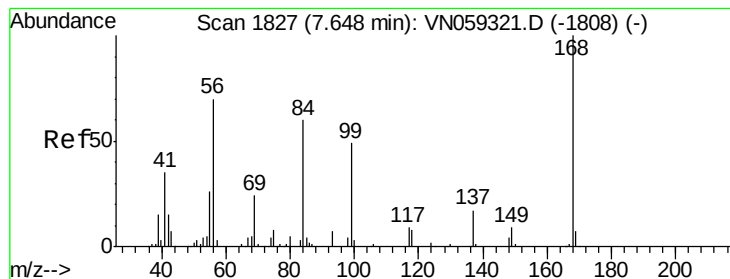
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

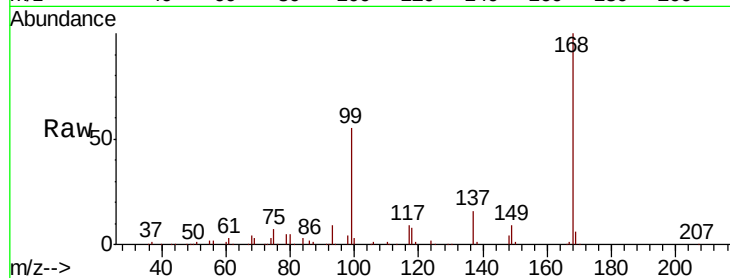
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 410036

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D

Ion 98.90 (98.60 to 99.60): VN059321.D

7.65

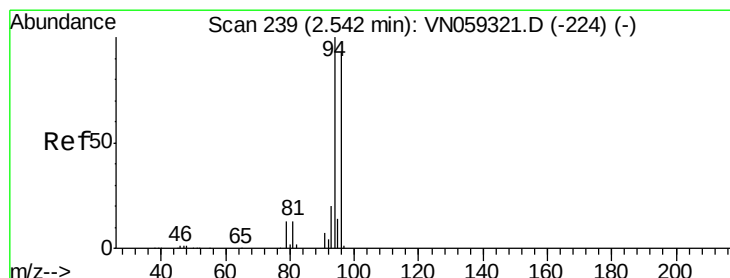
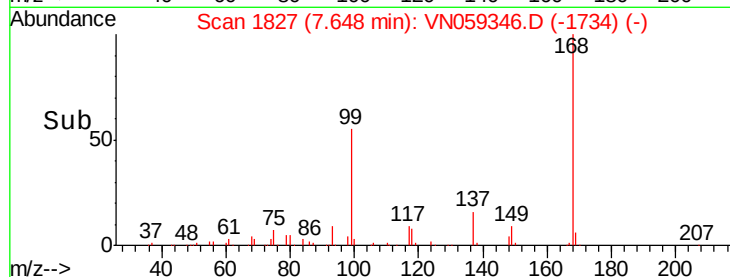
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.263 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN059346.D

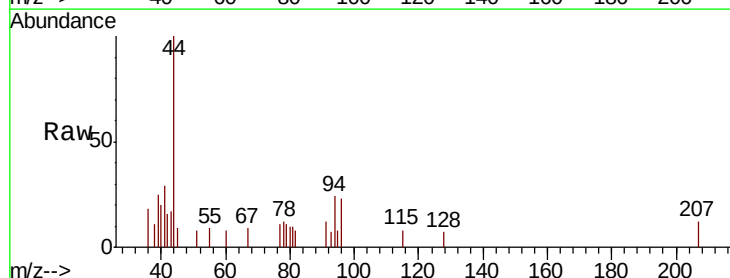
Acq: 21 Nov 2019 19:08

Tgt Ion: 94 Resp: 966

Ion Ratio Lower Upper

94 100

96 97.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN059321.D

Ion 95.90 (95.60 to 96.60): VN059321.D

2.55

600

500

400

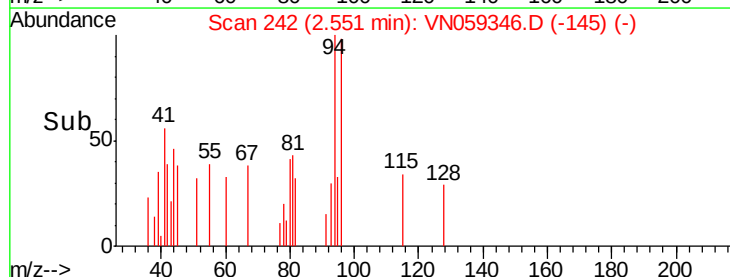
300

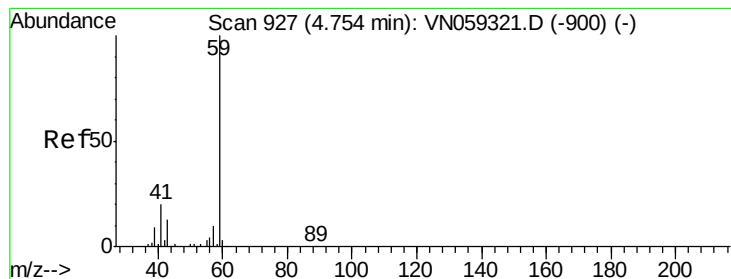
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 0.371 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.04 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

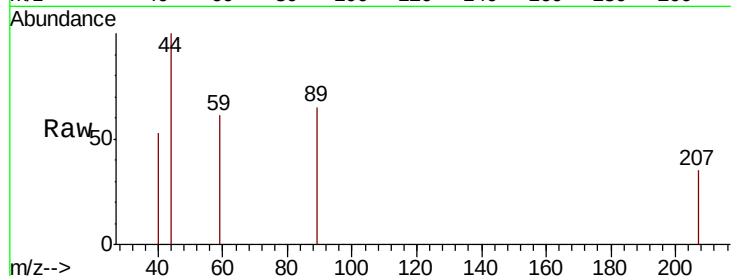
ClientSampled :

Tot Ion: 59 Resp: 365

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.71

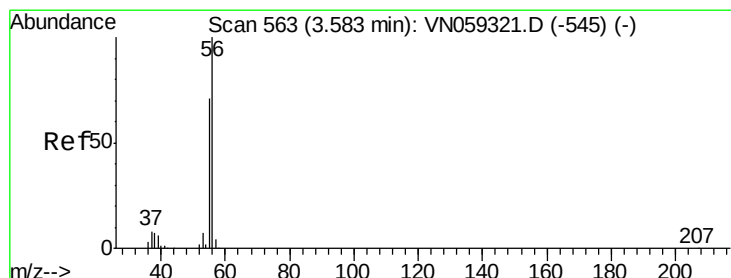
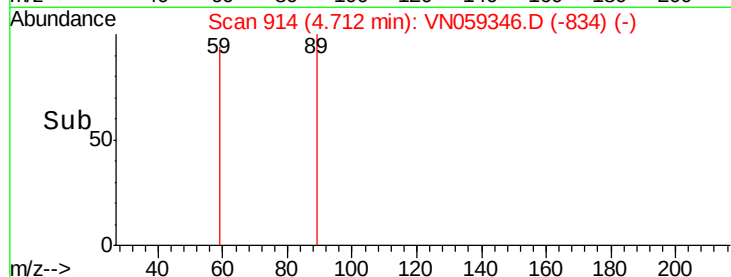
300

200

100

0

Time-->



#13

Acrolein

Concen: 0.489 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN059346.D

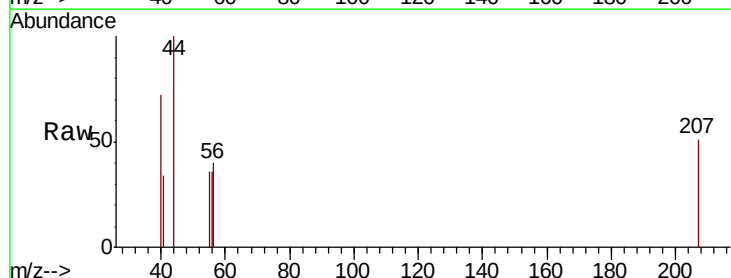
Acq: 21 Nov 2019 19:08

Tgt Ion: 56 Resp: 440

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

400

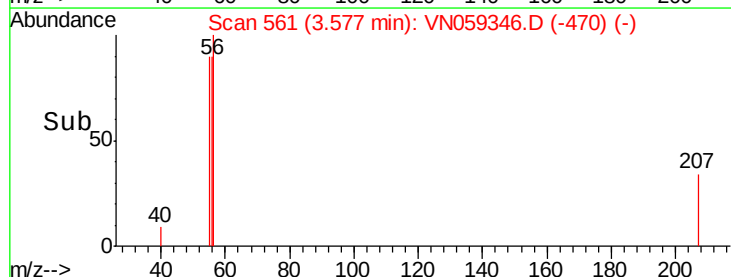
300

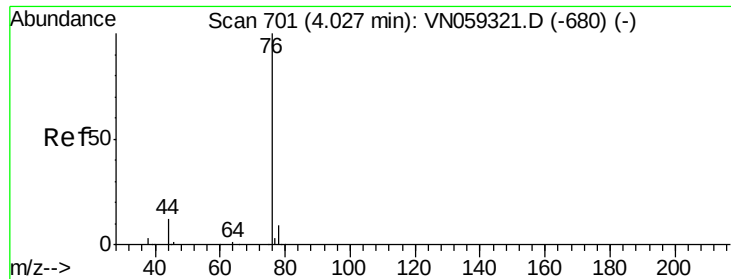
200

100

0

Time-->





#17

Carbon Disulfide

Concen: 0.471 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

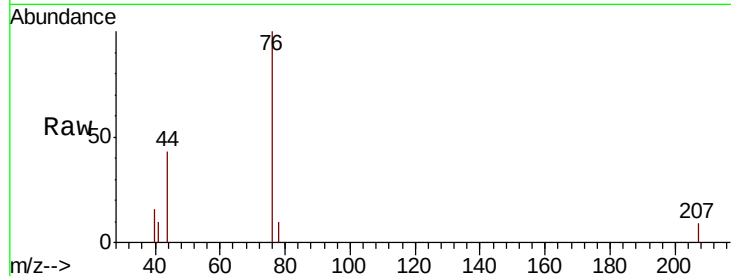
ClientSampleId :

Tot Ion: 76 Resp: 4603

Ion Ratio Lower Upper

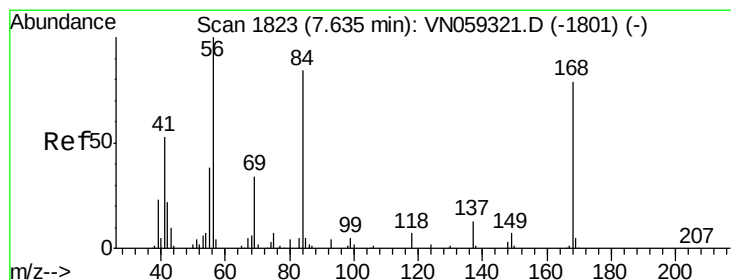
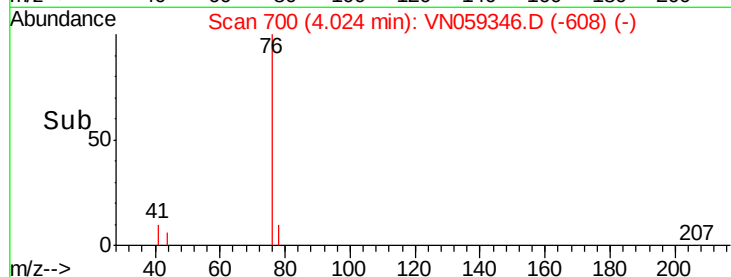
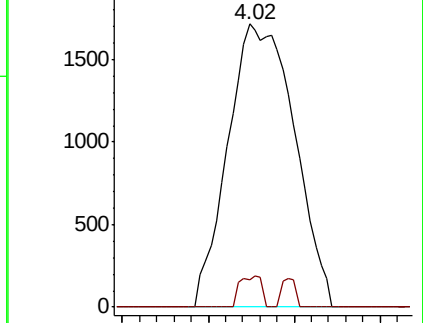
76 100

78 9.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN059346.D (-1730) (-)

Ion 77.90 (77.60 to 78.60): VN059346.D (-1730) (-)



#31

Cyclohexane

Concen: 0.878 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

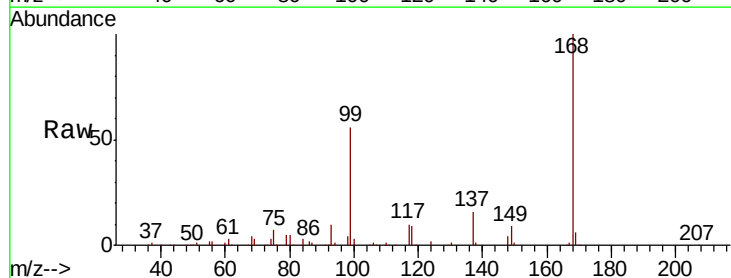
Tgt Ion: 56 Resp: 7603

Ion Ratio Lower Upper

56 100

69 177.0 26.6 40.0#

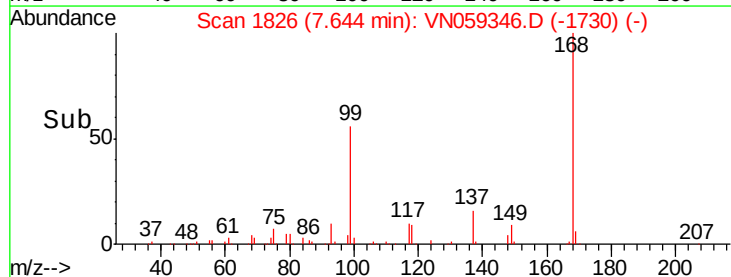
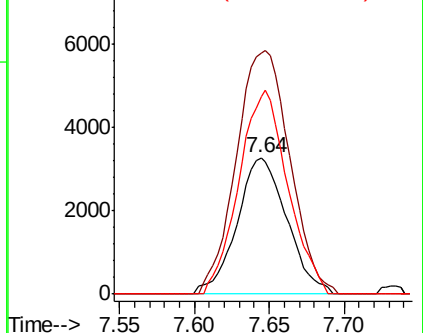
84 144.7 67.0 100.4#

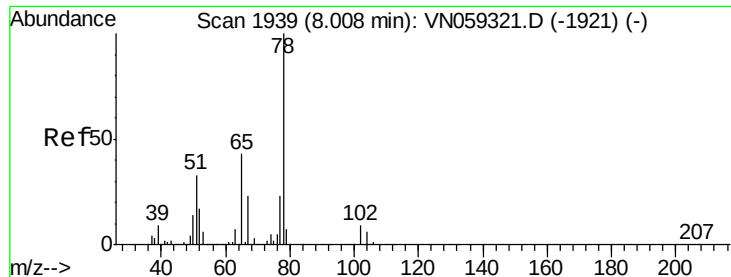


Abundance Ion 56.00 (55.70 to 56.70): VN059346.D (-1730) (-)

Ion 69.00 (68.70 to 69.70): VN059346.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN059346.D (-1730) (-)

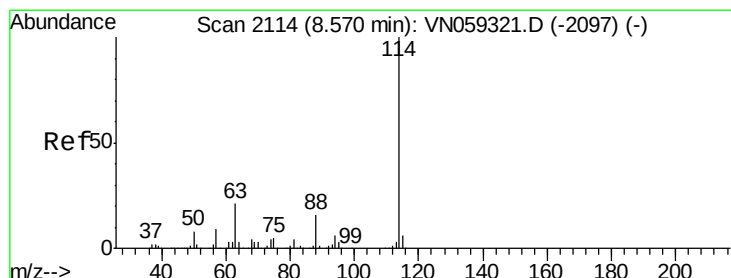
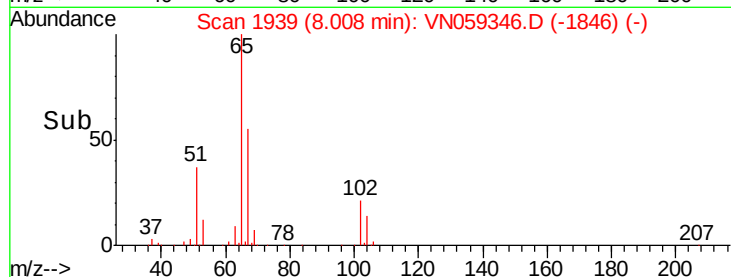
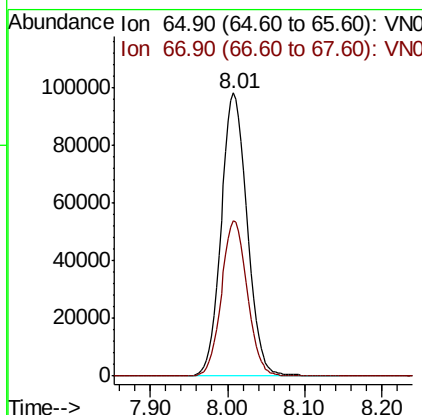
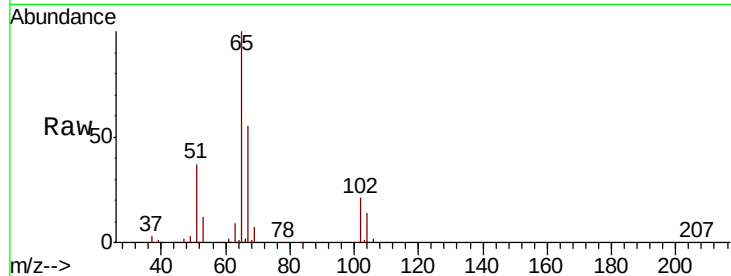




#33
 1,2-Dichloroethane-d4
 Concen: 46.611 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

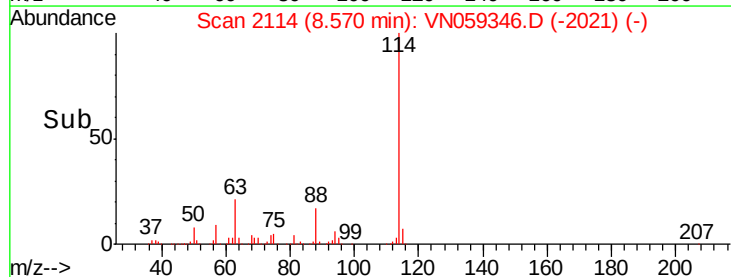
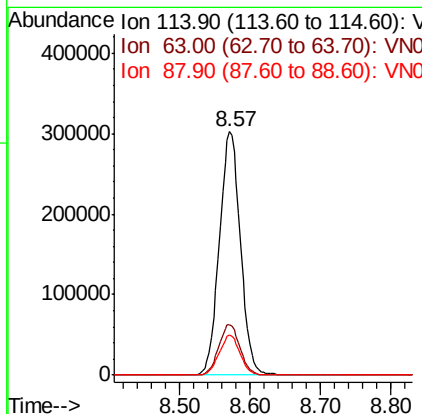
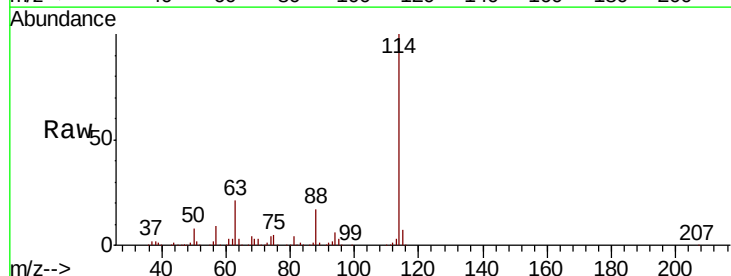
Instrument :
 MSVOA_N
 ClientSampled :

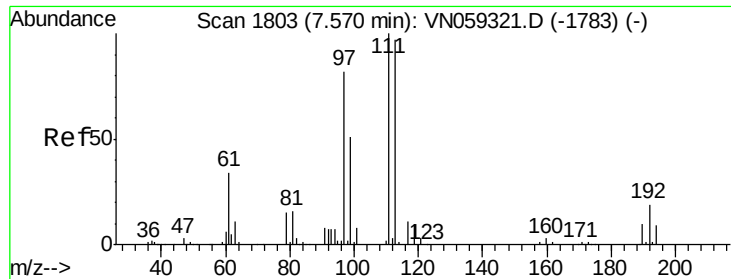
Tot Ion: 65 Resp: 229313
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Tgt Ion: 114 Resp: 630624
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.5 0.0 32.2

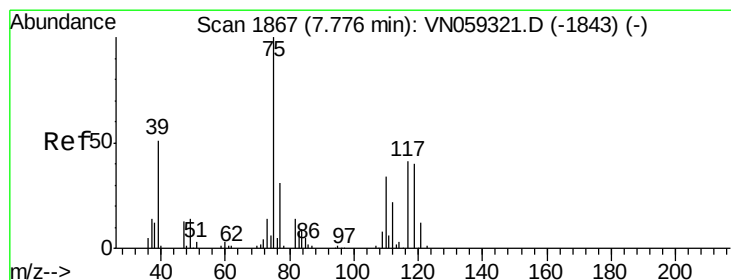
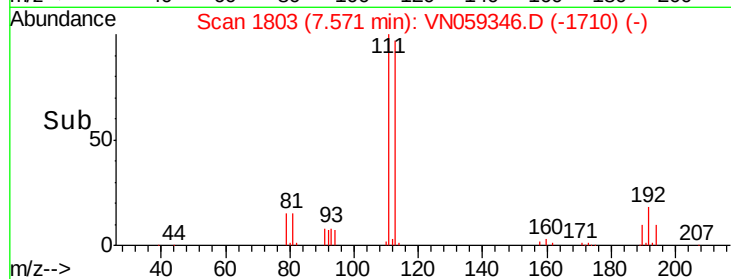
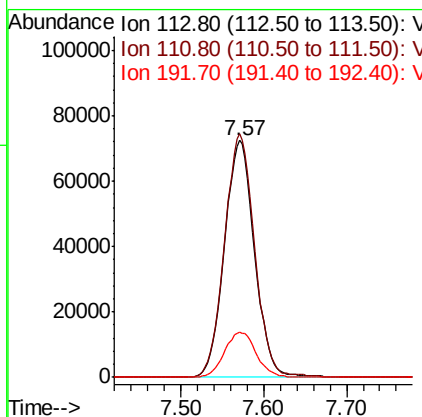
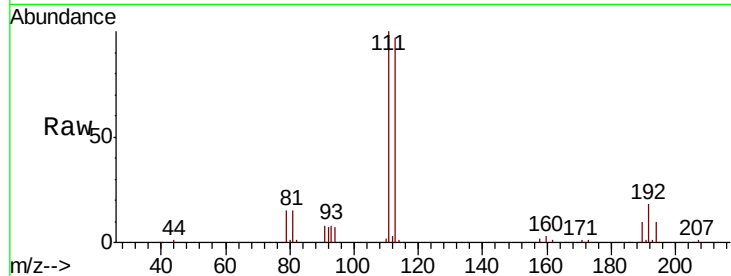




#35
 Dibromofluoromethane
 Concen: 48.287 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

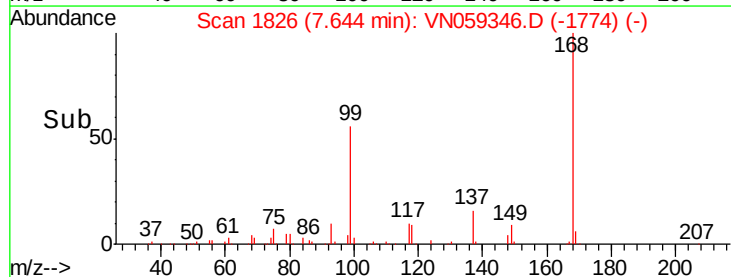
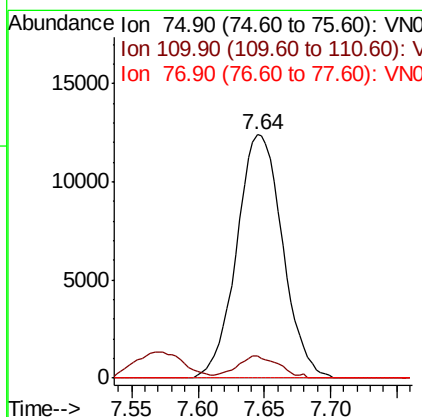
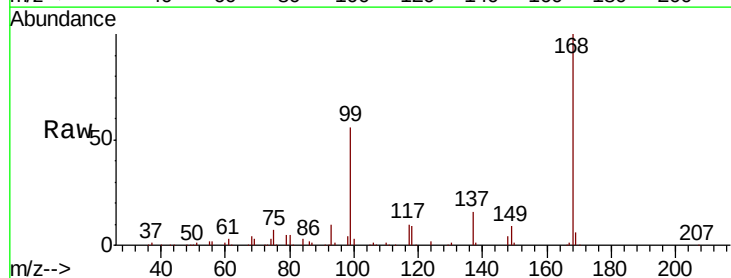
Instrument :
 MSVOA_N
 ClientSampled :

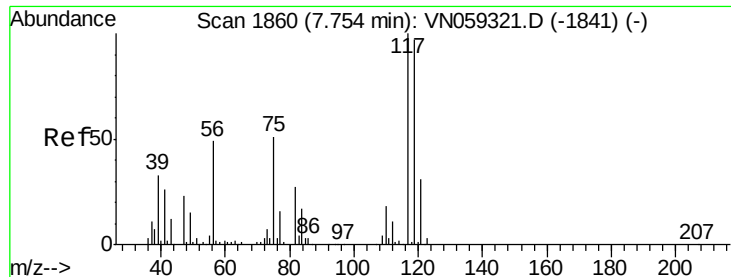
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.0	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.582 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	51.0#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.028 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

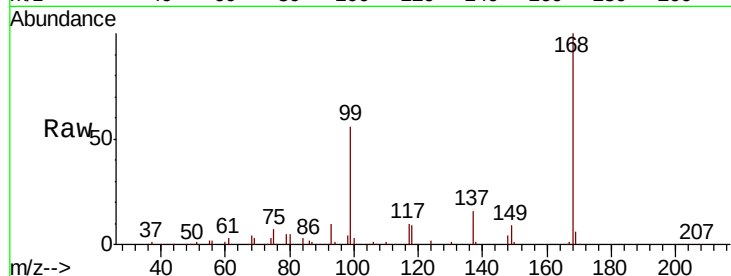
Tot Ion:117 Resp: 37566

Ion Ratio Lower Upper

117 100

119 5.1 77.0 115.4#

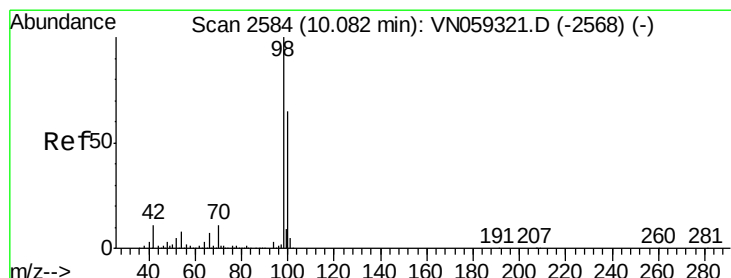
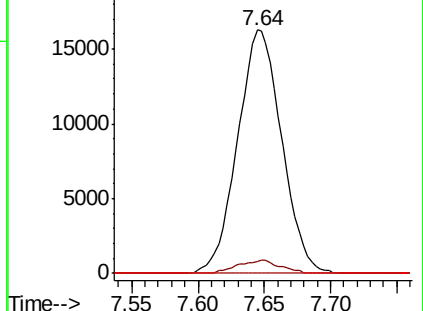
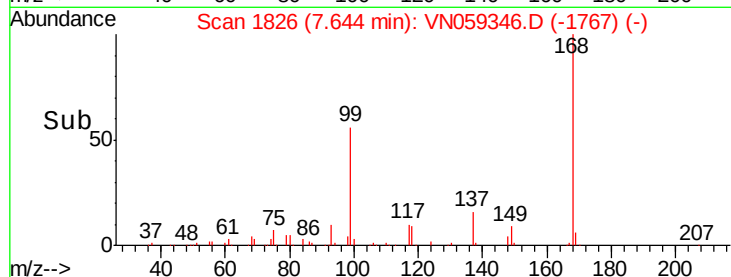
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.815 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059346.D

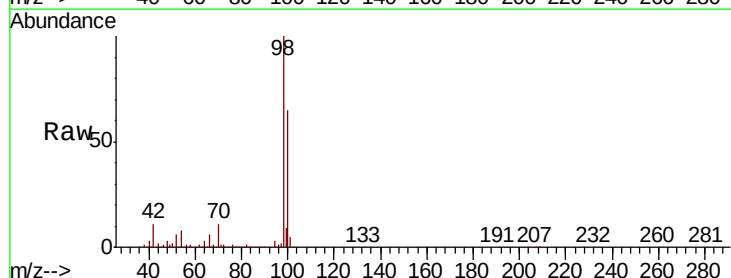
Acq: 21 Nov 2019 19:08

Tgt Ion: 98 Resp: 764287

Ion Ratio Lower Upper

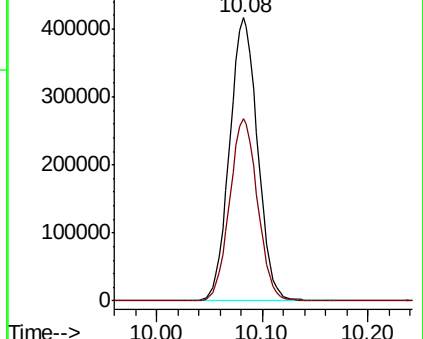
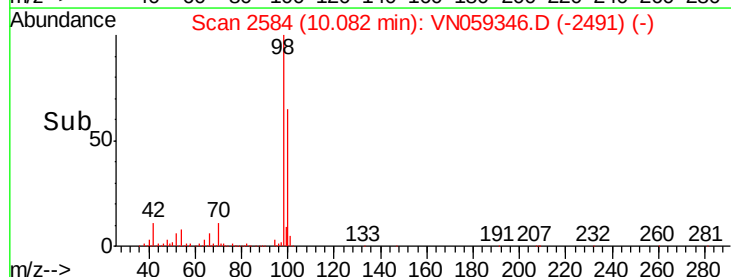
98 100

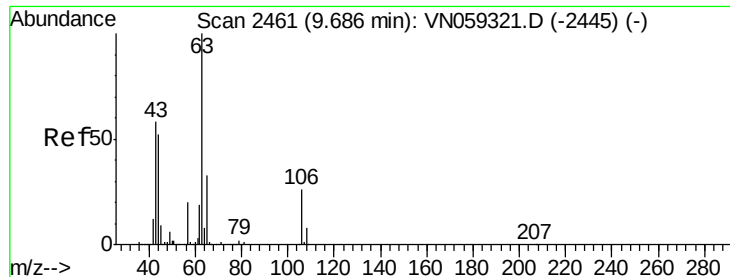
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

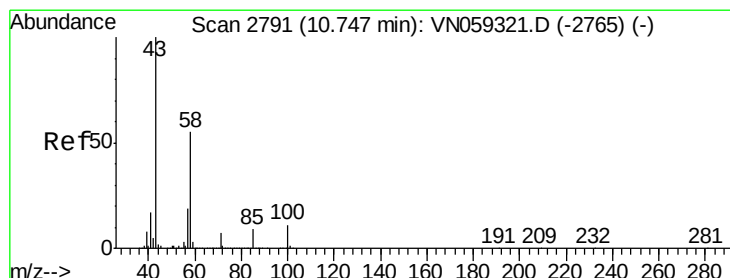
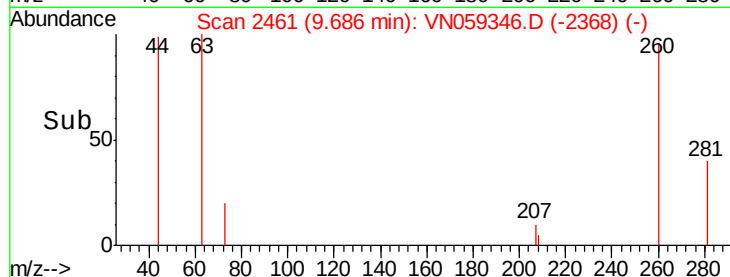
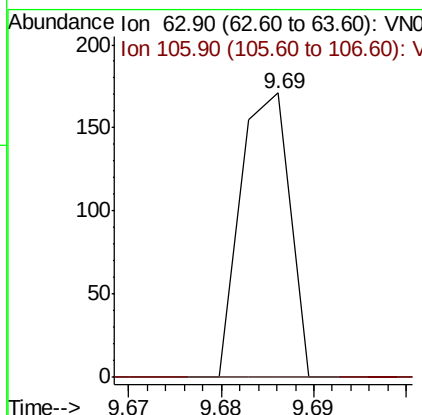
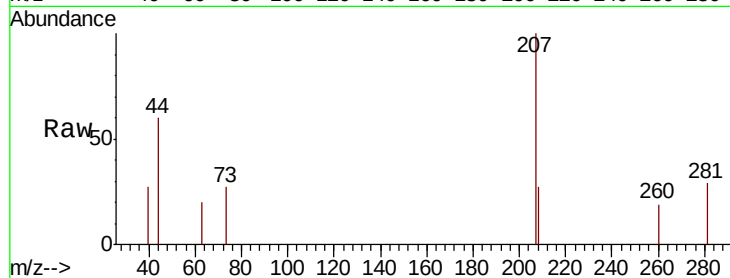




#58
 2-Chloroethyl Vinyl ether
 Concen: 22.804 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

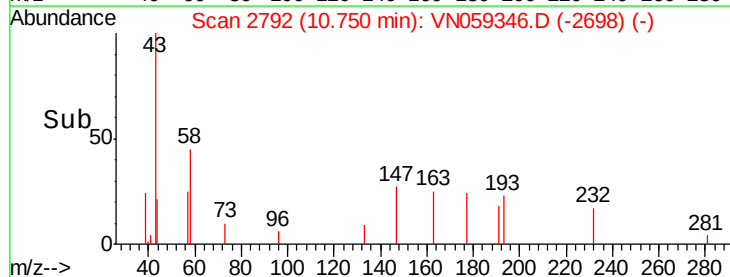
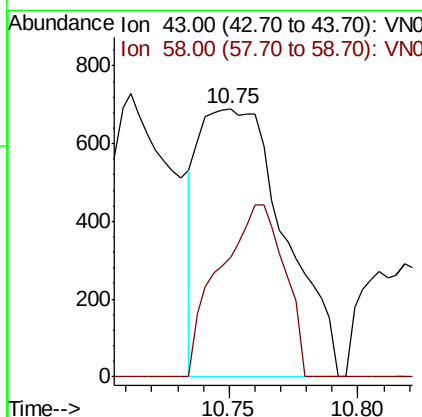
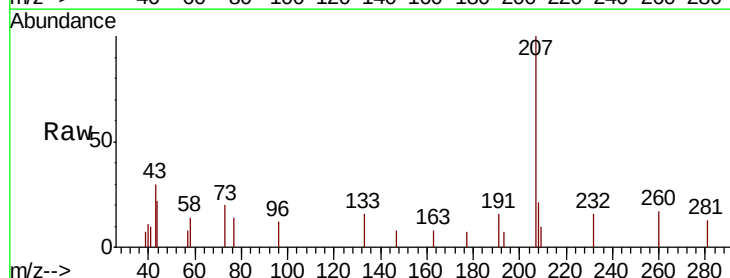
Instrument :
 MSVOA_N
 ClientSampleId :

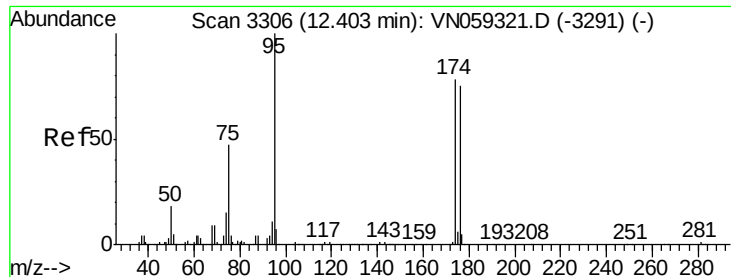
Tot Ion: 63 Resp: 63
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.5 30.7#



#59
 2-Hexanone
 Concen: 0.349 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Tgt Ion: 43 Resp: 1600
 Ion Ratio Lower Upper
 43 100
 58 48.6 27.7 83.0

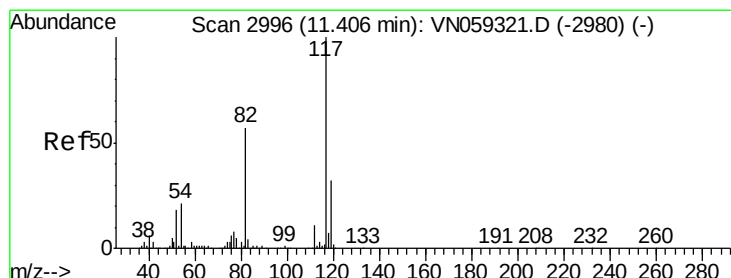
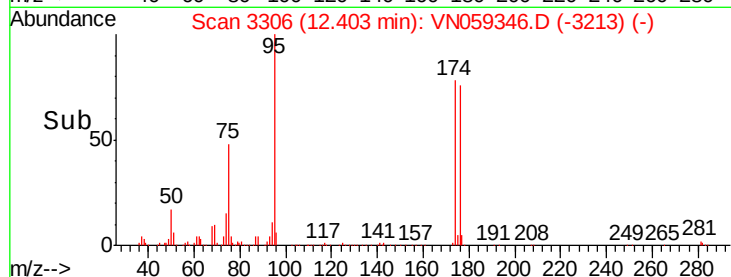
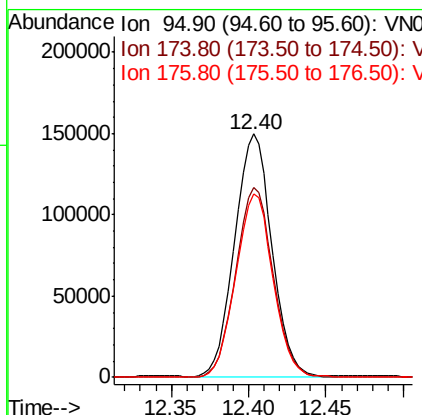
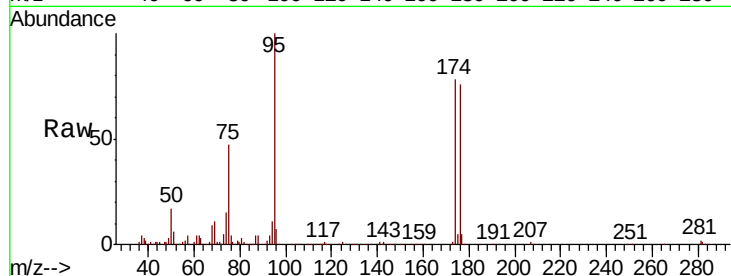




#62
4-Bromofluorobenzene
Concen: 47.307 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059346.D
Acq: 21 Nov 2019 19:08

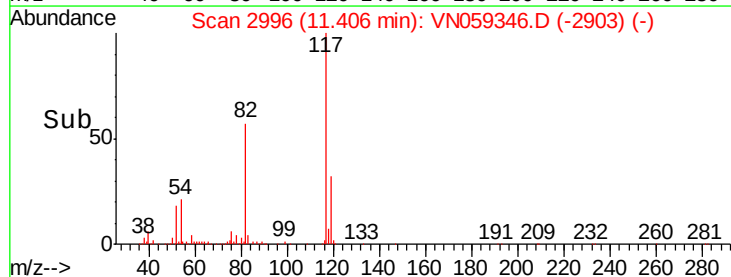
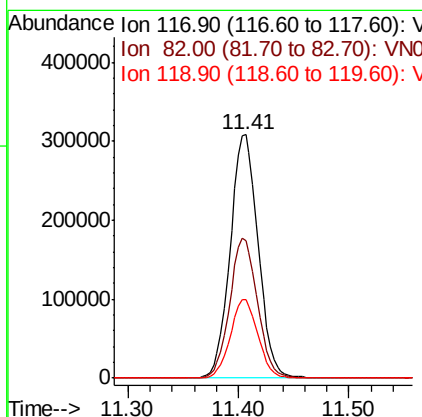
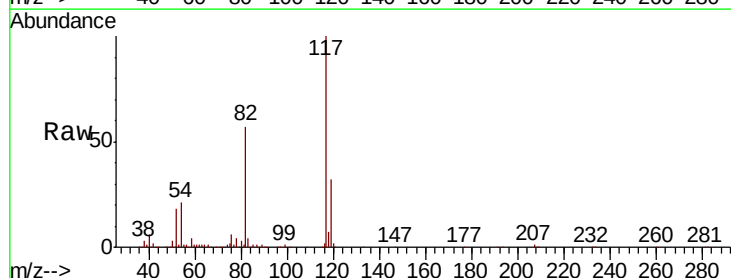
Instrument :
MSVOA_N
ClientSampled :

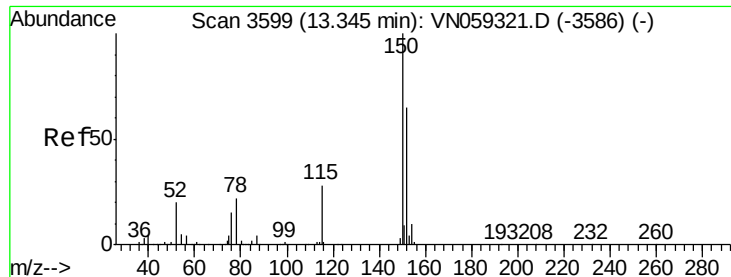
Tot Ion	95	Resp	248787
Ion Ratio	Lower	Upper	
95	100		
174	79.2	0.0	157.4
176	76.4	0.0	151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059346.D
Acq: 21 Nov 2019 19:08

Tgt Ion	117	Resp	541294
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.7	68.5
119	32.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

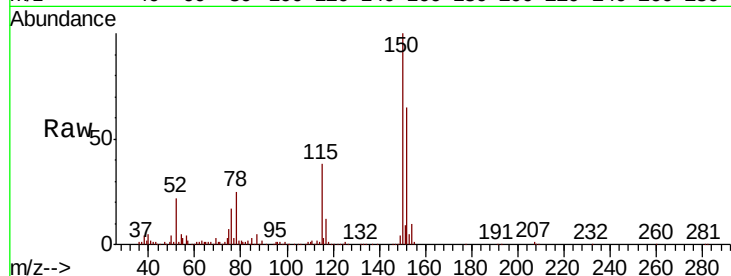
Tot Ion:152 Resp: 208496

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

150 155.3 0.0 346.0

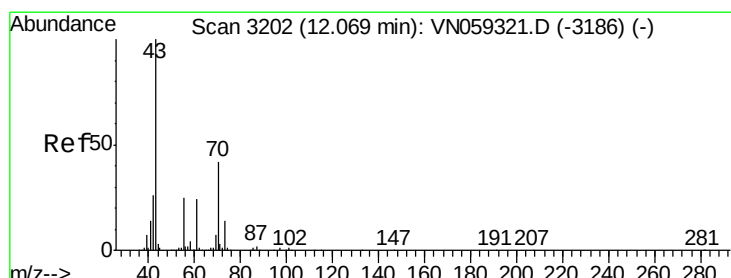
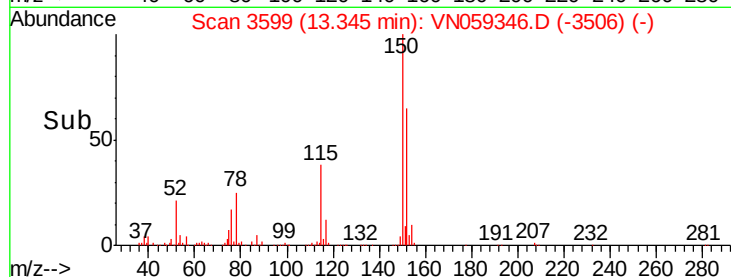
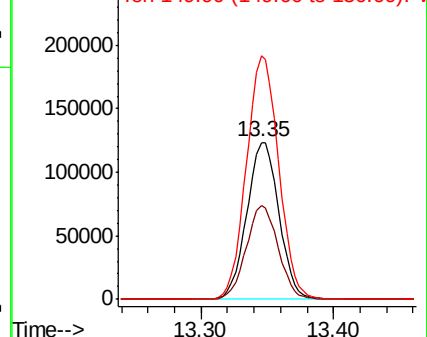


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.973 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Tgt Ion: 43 Resp: 20406

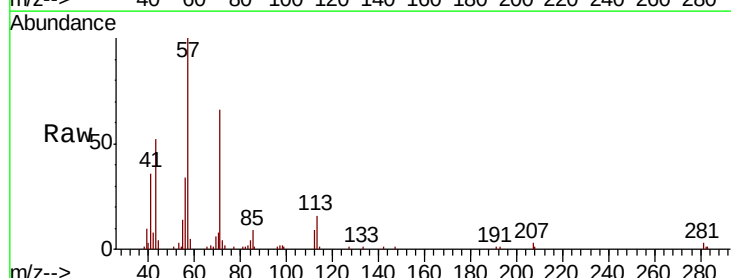
Ion Ratio Lower Upper

43 100

70 14.2 33.8 50.6#

55 17.4 20.3 30.5#

61 0.0 19.9 29.9#



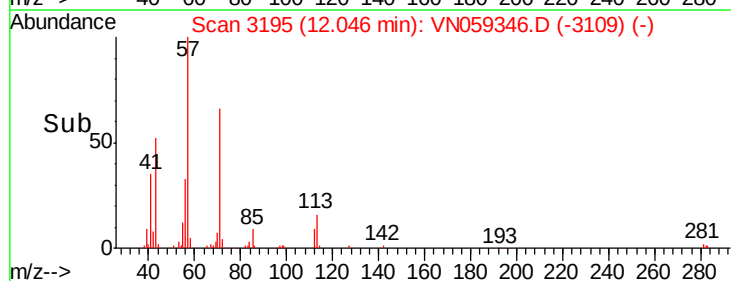
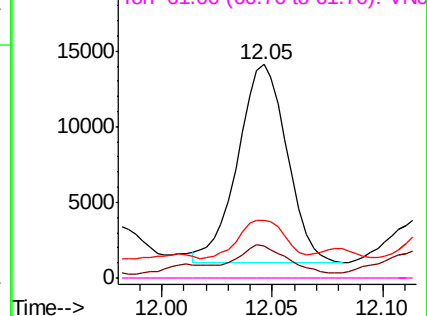
Abundance

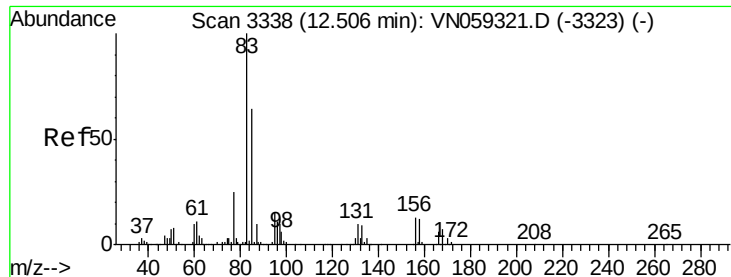
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.377 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.03 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

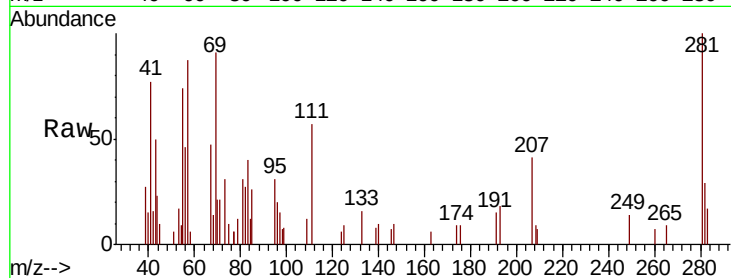
Tot Ion: 83 Resp: 2130

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

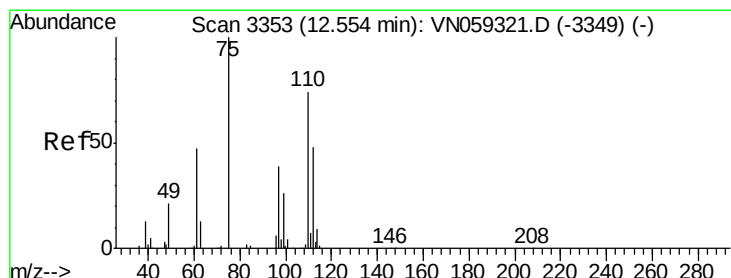
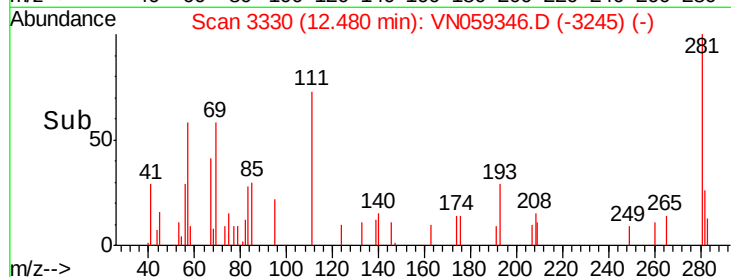
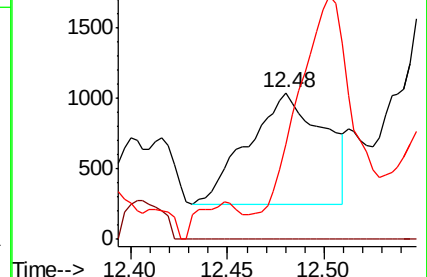
85 0.0 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VN059321.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN059321.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN059321.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 25.110 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059346.D

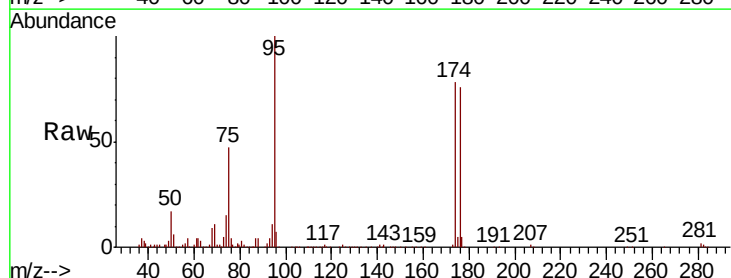
Acq: 21 Nov 2019 19:08

Tgt Ion: 75 Resp: 120947

Ion Ratio Lower Upper

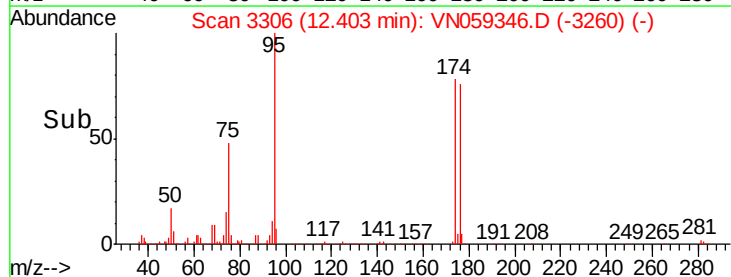
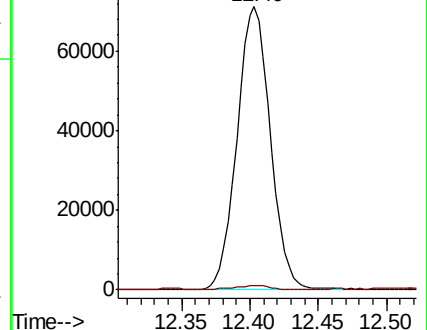
75 100

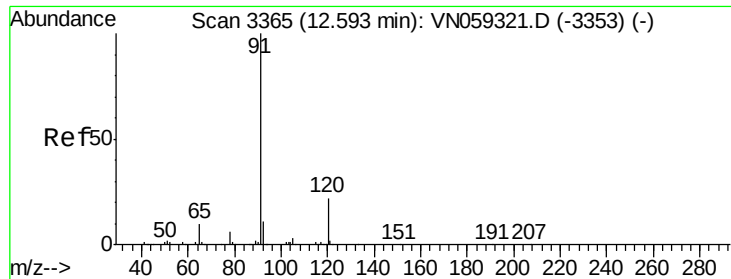
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3349) (-)





#78

n-propylbenzene

Concen: 0.299 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

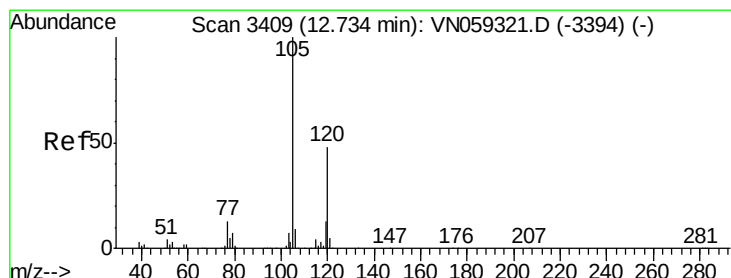
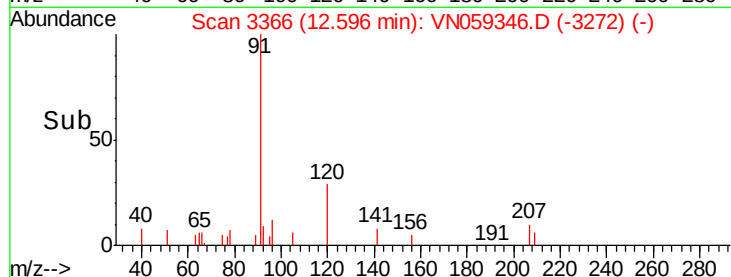
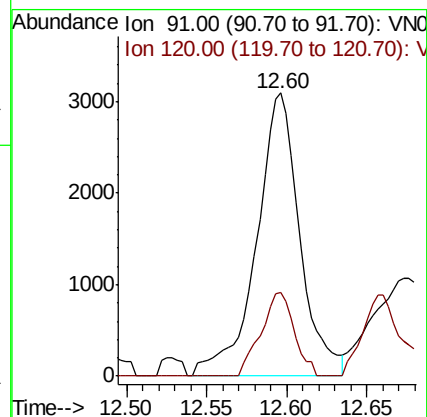
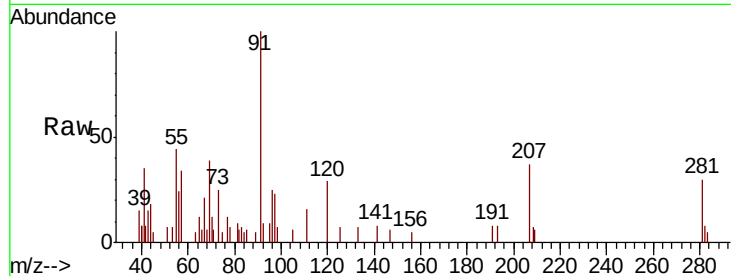
ClientSampleId :

Tot Ion: 91 Resp: 5783

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 0.326 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059346.D

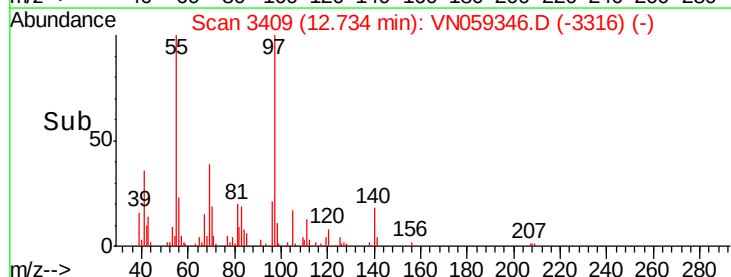
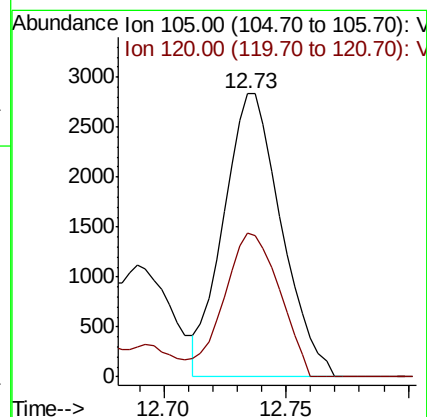
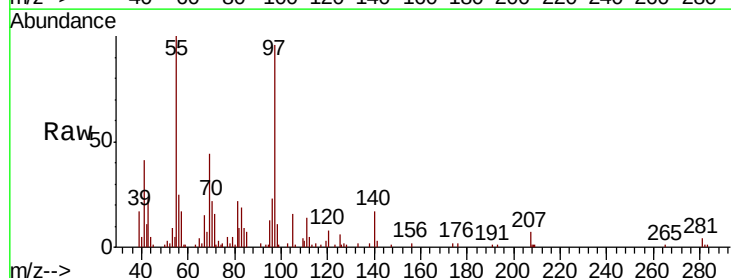
Acq: 21 Nov 2019 19:08

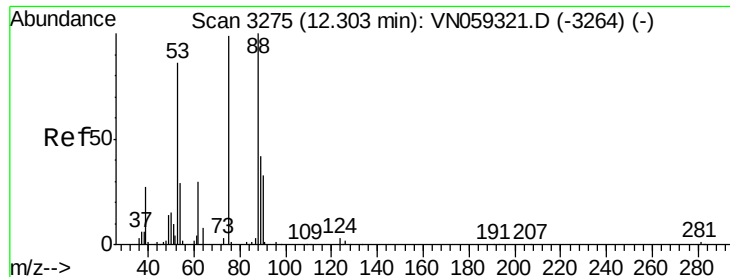
Tgt Ion: 105 Resp: 4678

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 62.803 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

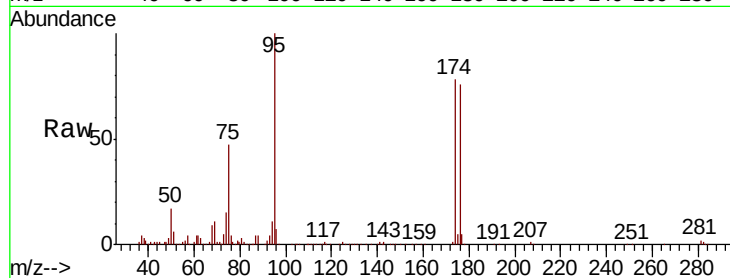
Tot Ion: 75 Resp: 120947

Ion Ratio Lower Upper

75 100

53 0.5 70.7 106.1#

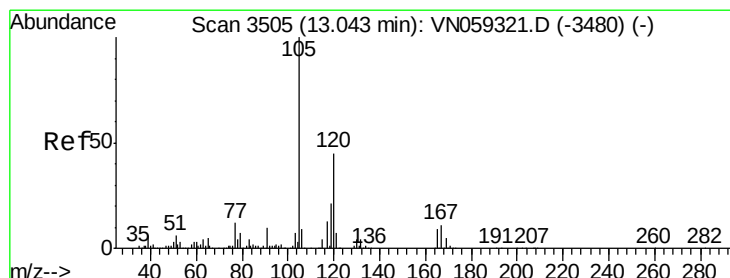
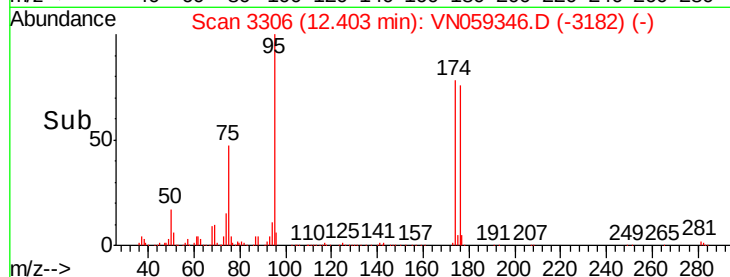
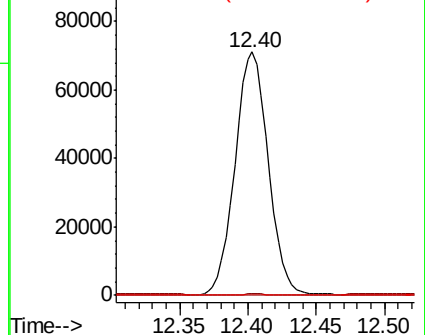
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059346.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN059346.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN059346.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.209 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059346.D

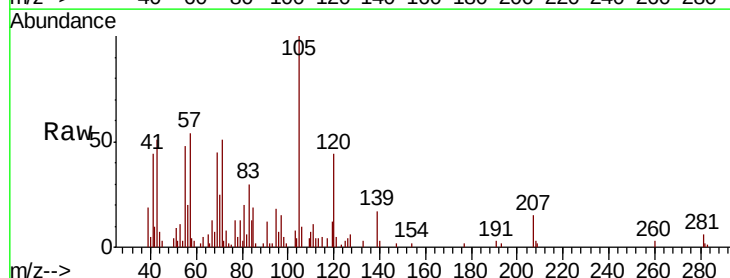
Acq: 21 Nov 2019 19:08

Tgt Ion: 105 Resp: 17002

Ion Ratio Lower Upper

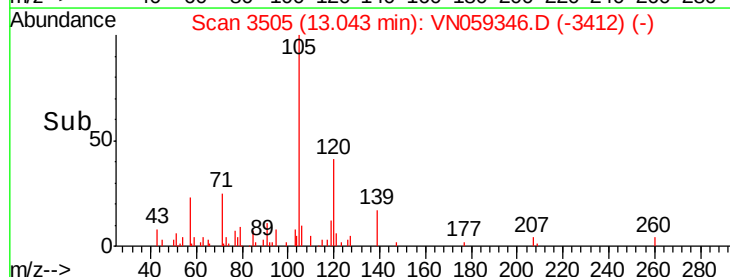
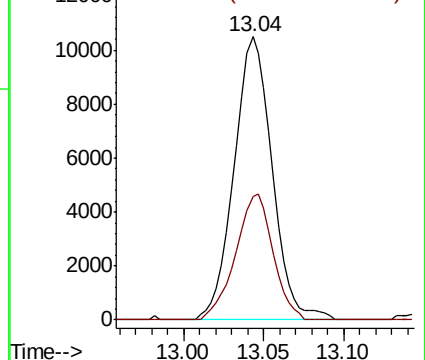
105 100

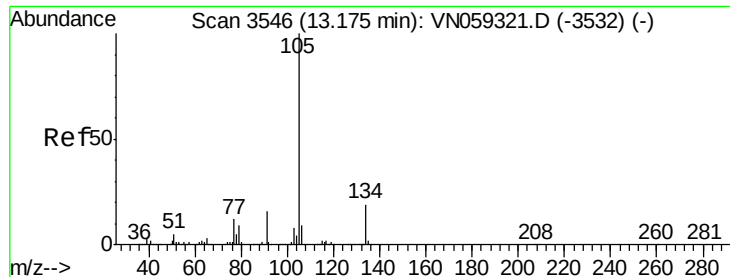
120 43.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VN059346.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN059346.D (-3412) (-)

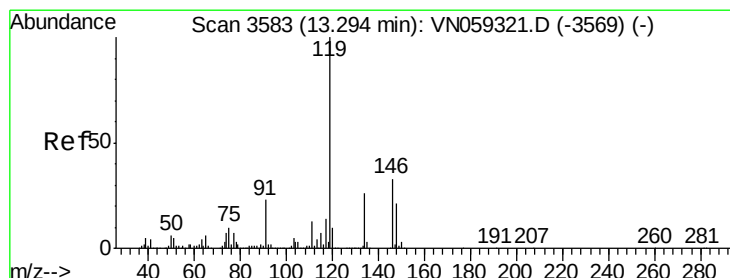
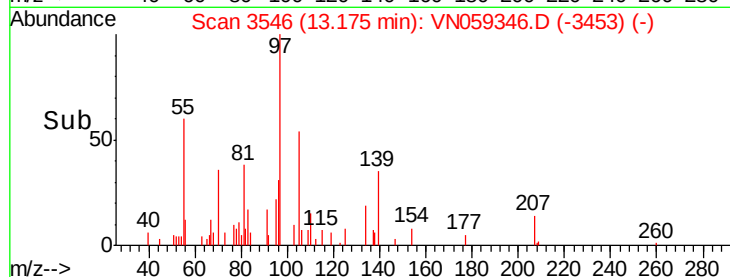
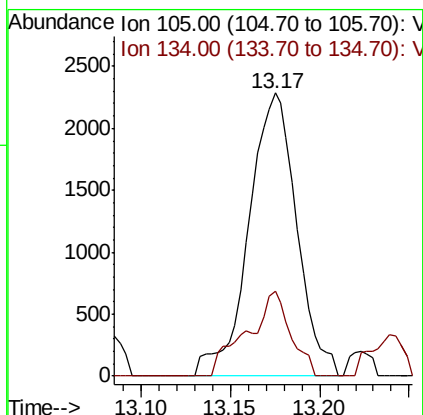
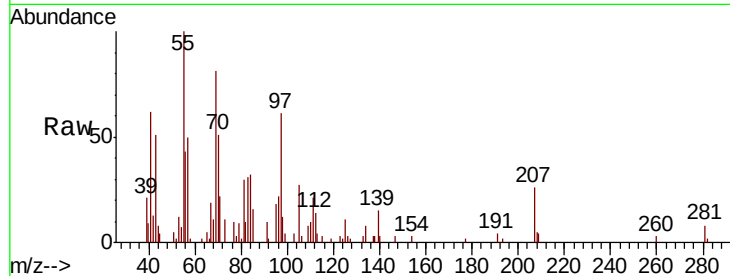




#85
 sec-Butylbenzene
 Concen: 0.264 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

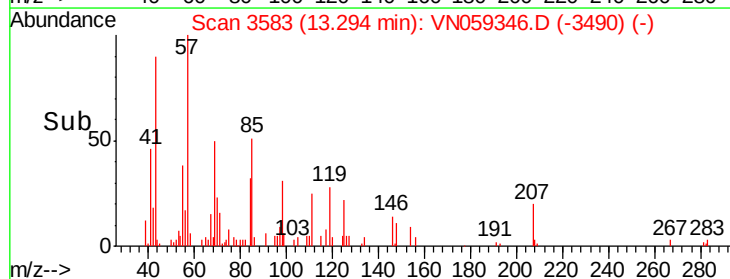
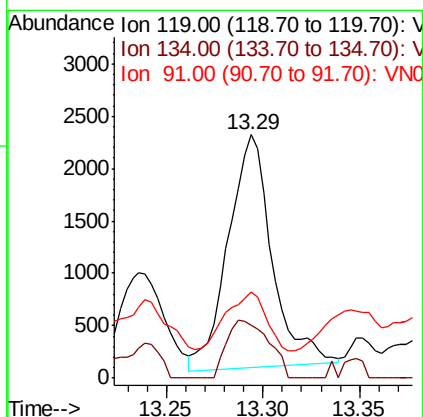
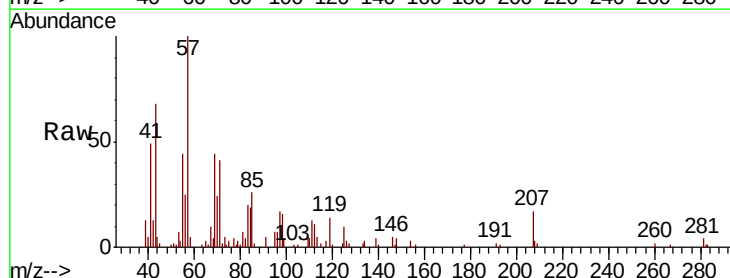
Instrument :
 MSVOA_N
 ClientSampled :

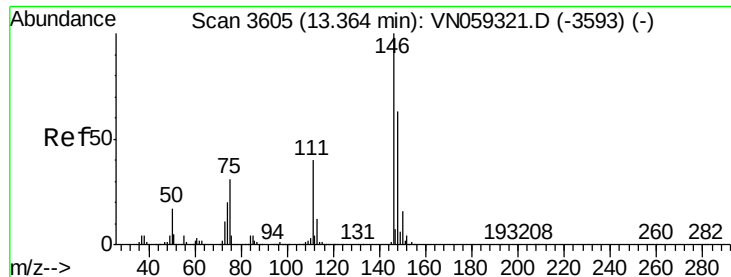
Tot Ion:105 Resp: 4298
 Ion Ratio Lower Upper
 105 100
 134 27.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.243 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059346.D
 Acq: 21 Nov 2019 19:08

Tgt Ion:119 Resp: 3526
 Ion Ratio Lower Upper
 119 100
 134 23.5 13.0 38.9
 91 23.0 11.6 34.7





#88

1,4-Dichlorobenzene

Concen: 0.281 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

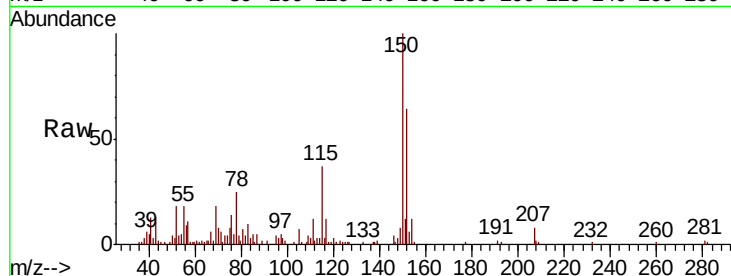
Tot Ion:146 Resp: 2048

Ion Ratio Lower Upper

146 100

111 369.8 20.1 60.3#

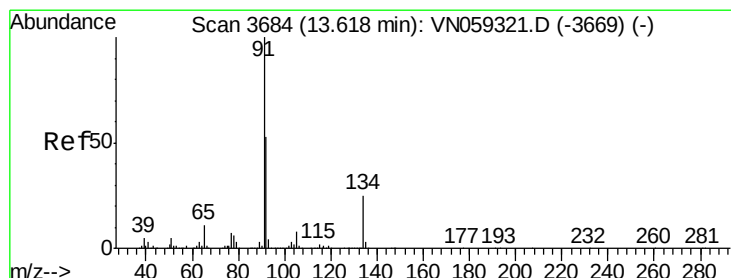
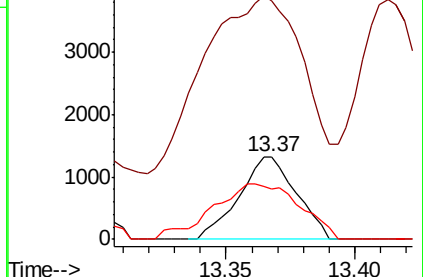
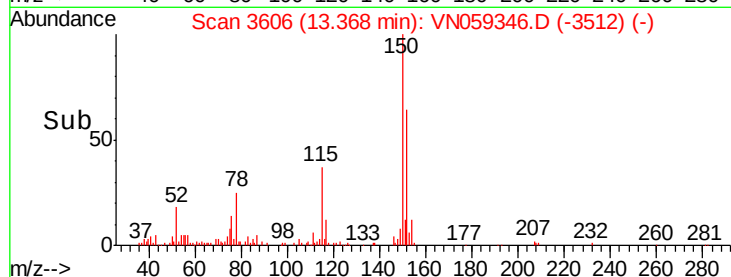
148 101.7 31.7 95.1#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.503 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

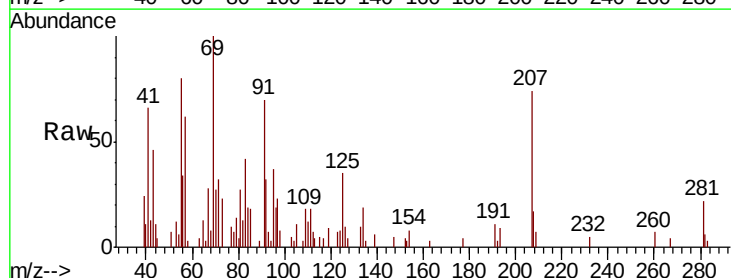
Tgt Ion: 91 Resp: 6396

Ion Ratio Lower Upper

91 100

92 48.1 26.0 78.0

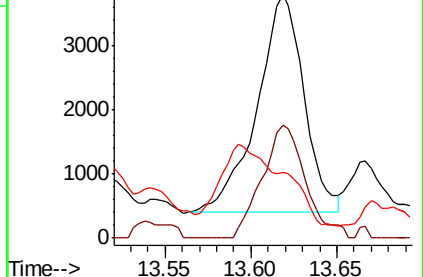
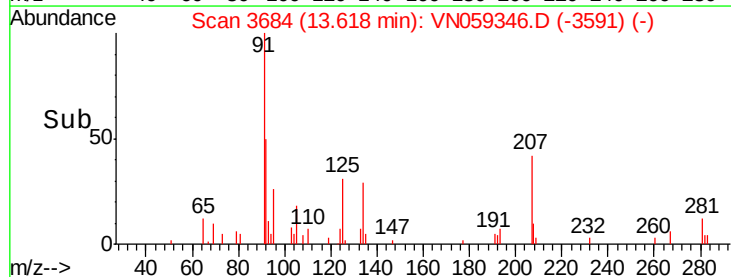
134 0.0 12.7 38.1#

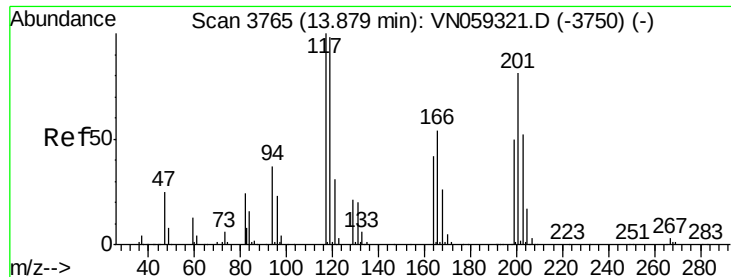


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.459 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

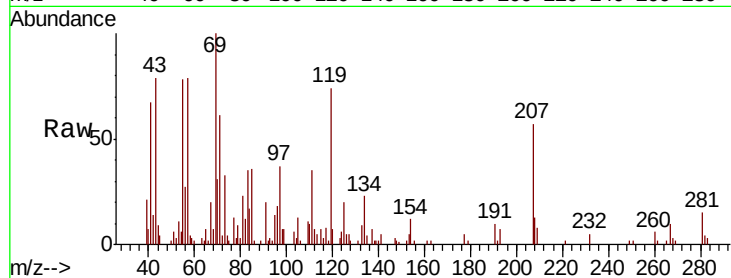
ClientSampled :

Tot Ion:117 Resp: 1260

Ion Ratio Lower Upper

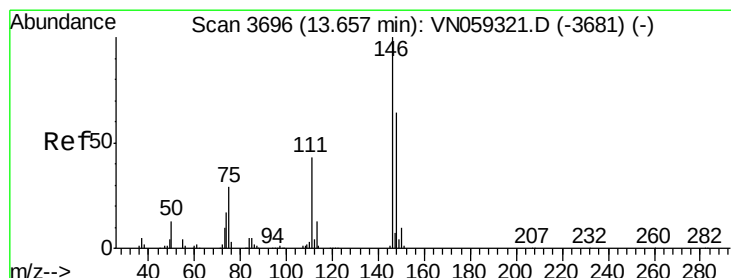
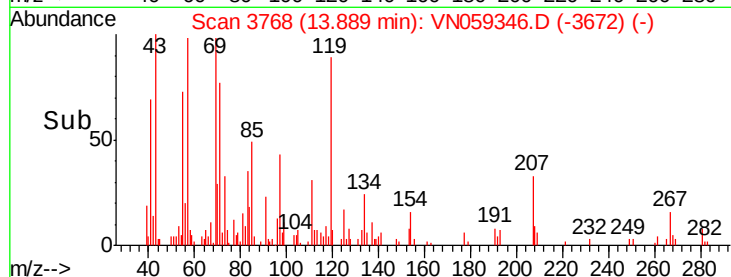
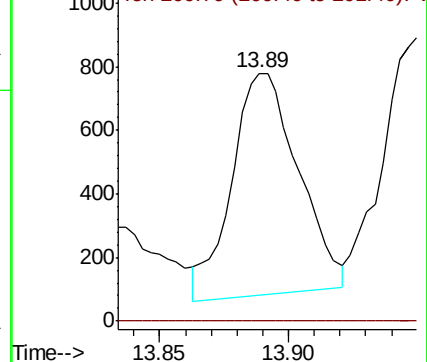
117 100

201 0.0 40.4 121.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.229 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

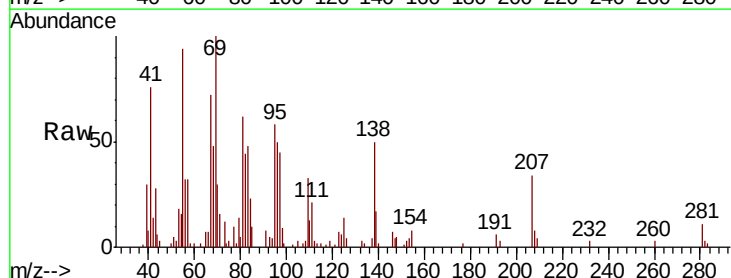
Tgt Ion:146 Resp: 1636

Ion Ratio Lower Upper

146 100

111 0.0 21.3 64.0#

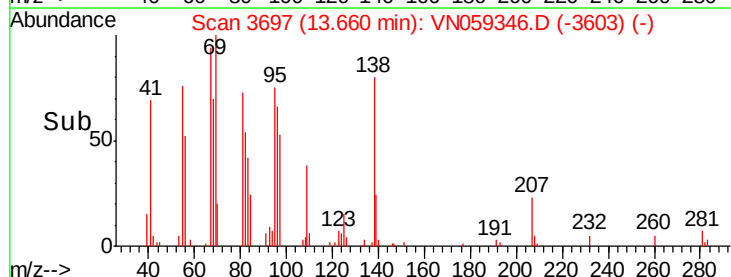
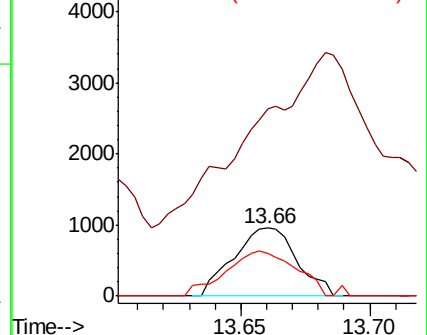
148 73.0 31.9 95.5

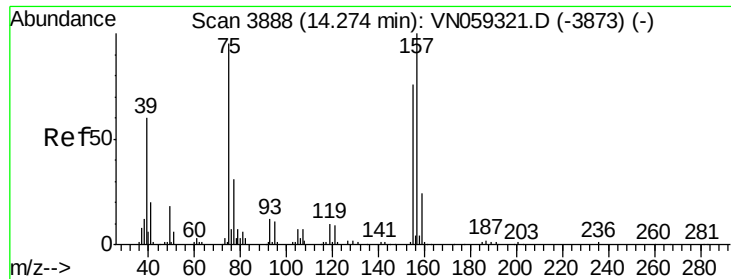


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.439 ug/l

RT: 14.29 min Scan# 3892

Delta R.T. 0.01 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

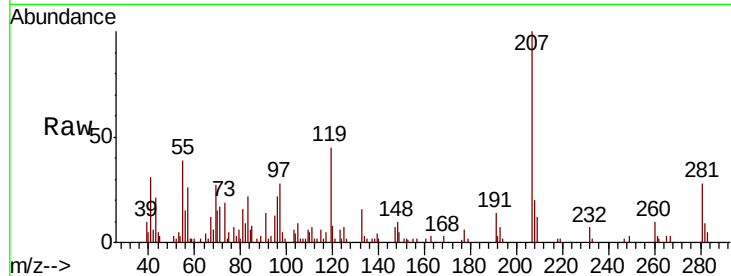
Tot Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 59.6 52.7 158.1



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN059321.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN059321.D (-3873) (-)

14.29

400

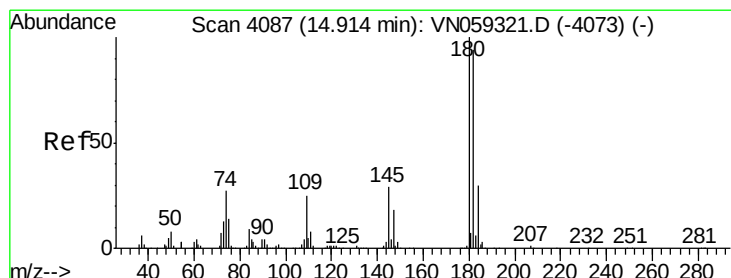
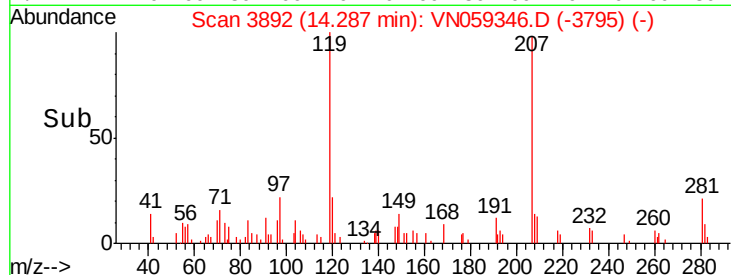
200

0

14.25

14.30

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.715 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

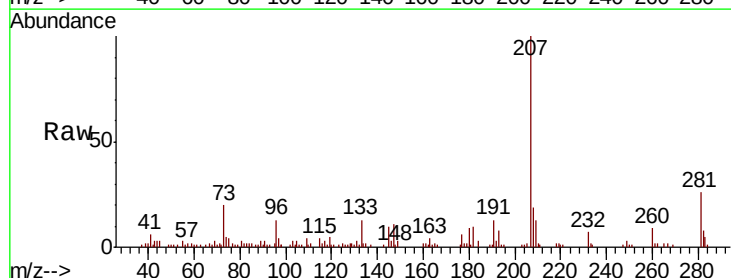
Tgt Ion: 180 Resp: 3664

Ion Ratio Lower Upper

180 100

182 97.0 47.2 141.6

145 140.0 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): VN059321.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN059321.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN059321.D (-4073) (-)

14.91

3000

2500

2000

1500

1000

500

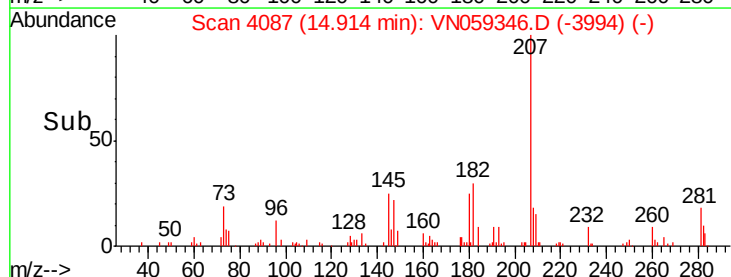
0

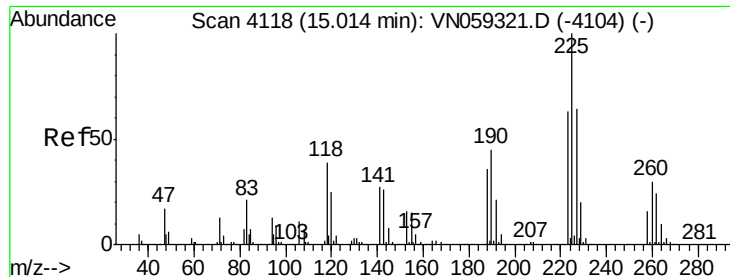
14.85

14.90

14.95

Time-->





#94

Hexachlorobutadiene

Concen: 0.606 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampled :

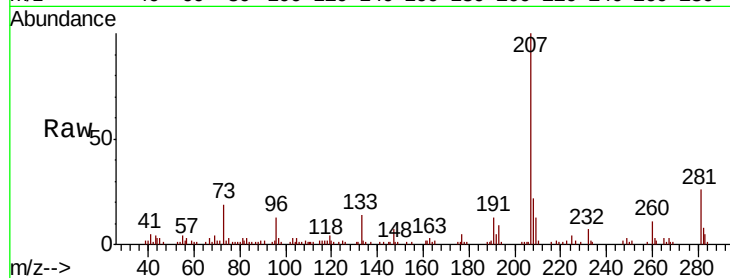
Tot Ion:225 Resp: 1559

Ion Ratio Lower Upper

225 100

223 70.6 31.6 94.8

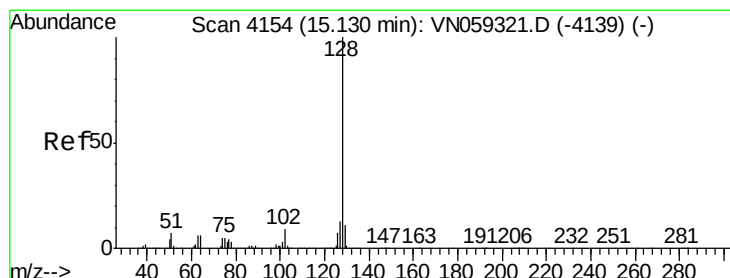
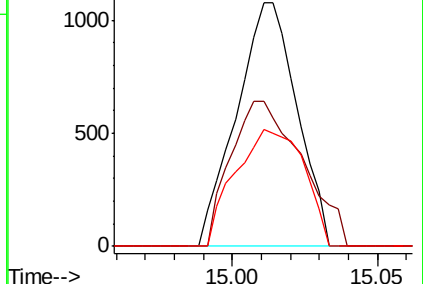
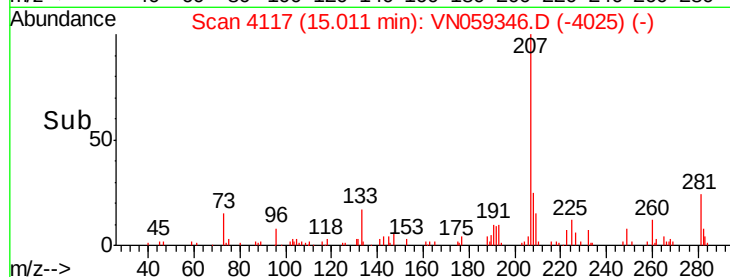
227 54.7 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.704 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

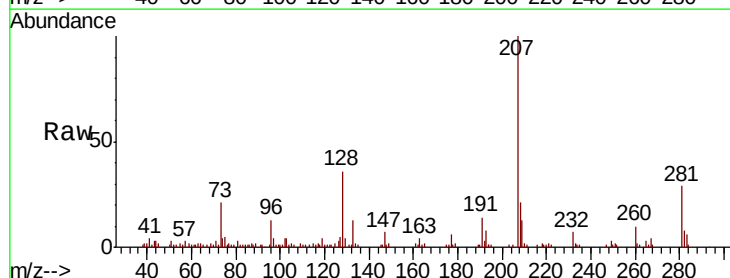
Tgt Ion:128 Resp: 20151

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

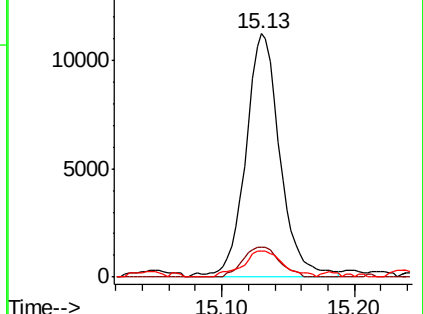
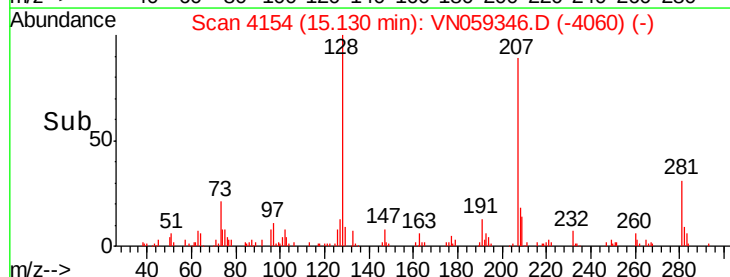
129 12.5 8.6 13.0

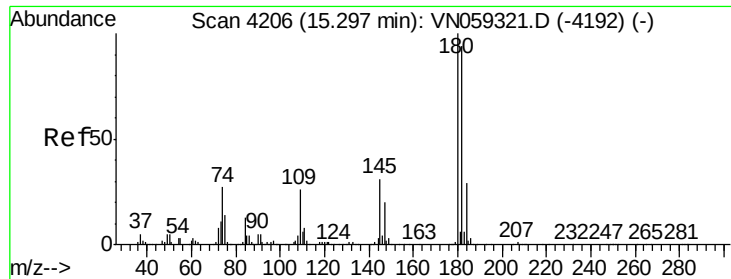


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.140 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059346.D

Acq: 21 Nov 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:180 Resp: 5610

Ion Ratio Lower Upper

180 100

182 76.2 47.1 141.4

145 53.8 15.6 46.8#

